

Abstract

An optical mouse scanner allows users to perform quick scans of paper documents (or of some other surface) without
5 requiring a separate, standalone scanner. Scanning
functionality may be provided to an optical mouse, such as
a wireless optical mouse. The scanning sensor and/or the
scanning light source could be same as that used for the
optical motion detection for the mouse. Alternatively, a
10 separate light source and/or imaging element could be
provided for purposes of scanning. Image stitching
software could use a number of captured images (e.g., a
stream of captured frames) alone, or in association with
mouse orientation and/or position information, to assemble
15 a larger image from smaller captured image frames.